

Opportunities to Save with Renewable Energy 2nd Annual Seminar 2005

An informative seminar for administrators, business officers, and building management officials in the educational, municipal and agricultural communities.

THURSDAY, APRIL 21, 2005

Presentations by

Southgate Community School District



ALTERNATE ENERGY SOLUTIONS, INC.

**BUREAU VALLEY SCHOOL DISTRICT
COMERICA SECURITIES
CANTOR FITZGERALD ENVIRONMENTAL BROKERAGE SERVICE/CO₂e.COM CANADA
FRASER TREBILCOCK DAVIS & DUNLAP, P.C.
KALAMAZOO PUBLIC SCHOOL DISTRICT
MICHIGAN ELECTRIC TRANSMISSION COMPANY
MICHIGAN PUBLIC SERVICE COMMISSION
WELLS FARGO BANK**

Seminar Highlights

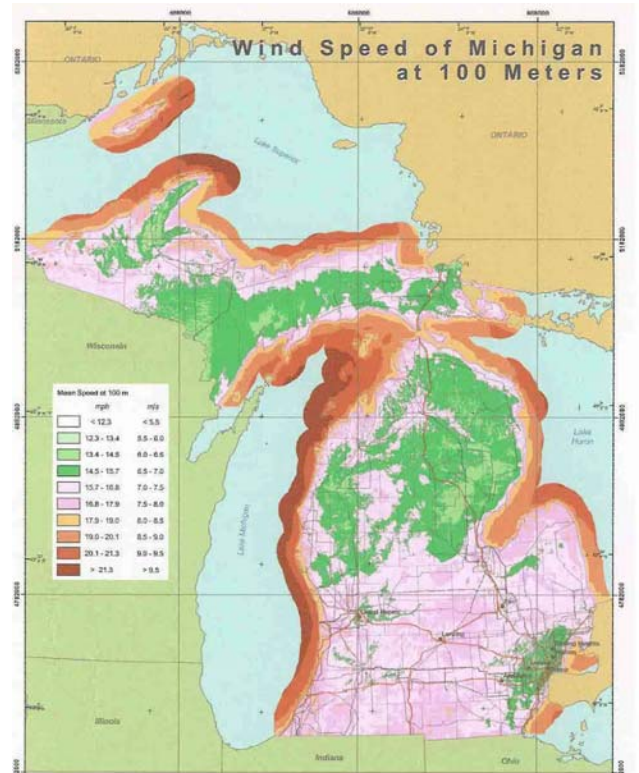
The cost of energy continues to grow for school districts, municipalities, corporations and in our homes at an alarming rate. Budgeting for energy will become more of an issue in the future.

Our seminar is designed to give department heads a practical understanding of various renewable energy technologies showing the most promise for reducing the cost of energy. Knowledge allows you to make an informed decision when considering future energy efficiency and facility improvements.

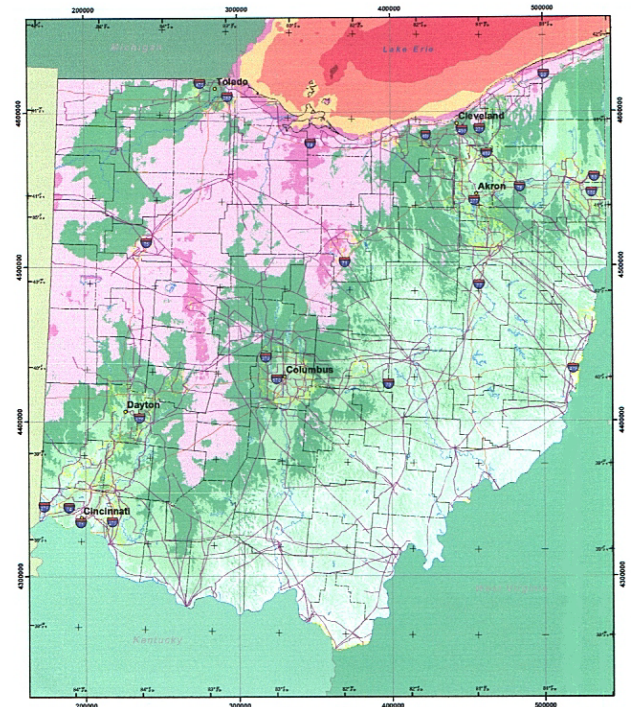
Our distinguished panel will discuss their experience with implementing these new technologies, planning and financial concerns, and the proven economic benefits that have been realized by school districts that have already installed renewable systems.

Main Seminar Topics

- ♦ Integration of a new wind turbine totaling 660kW at Bureau Valley District, Manlius, Illinois.
- ♦ Review of municipal utility installation of four 1.8 MW turbines with a projected generation of 13,800,000 kW-hr of electrical generator, enough to power 1570 homes.
- ♦ Municipal financing strategies for renewable energy and wind turbine generation projects.
- ♦ Review of Michigan's Renewable Energy Program (MREP).
- ♦ Understanding how much power is in the wind resource on your property, its measurement and proper evaluation.
- ♦ Overview of Renewable Energy Certificates (RECs) and other production incentives for the generation of electricity using renewable resources.
- ♦ Close look at Michigan Electric Transmission Co. (METC) how they work with the Midwest Independent System Operator (MISO). Overview of the new Illinois and Michigan electrical pricing hub.
- ♦ Wind plant economics and system design ideas.



Michigan wind velocity at 100 meter elevation



Ohio wind velocity at 100 meter elevation

Opportunities to Save with Renewable Energy

There are several factors that are making energy conservation and renewable generation more attractive than ever before. Recently renewed production tax credits, our economy and weakened tax base, global demand for energy and material, and climate change are just some of the issues fueling the continued development of wind turbine generation. Public agencies are required to do more with less and should entertain alternate energy solutions and more effective conservation programs.

Conference Agenda

Thursday, April 21, 2005

OPENING REMARKS (8:45 – 9:00 A.M.) EDUCATION AND ENVIRONMENTAL ISSUES

Welcome and introductions. Conference presenters will be introduced.

SESSION ONE (9:00 – 9:45 A.M.) UNDERSTANDING WIND ENERGY AND TURBINES

The relationship of energy capture and wind resource is perhaps the most important issue when determining the viability of wind resources on a given site. Wind velocity, density, temperature and frequency distribution have significant impact on what a turbine will produce. General turbine components and selection issues will be presented.

Mr. John Wolar
Electrical Power Instructor, Southgate Community Schools

SESSION TWO (9:45 – 10:30 A.M.) REGIONAL ELECTRICAL TRANSMISSION

We mark a fundamental shift in how electrical energy will be transmitted in our region. Local electric utilities have sold their transmission assets and the federal government has approved the first regional transmission organization (RTO), the Midwest Independent System Operator (MISO). Learn the details on local and regional transmission and how the new Michigan and Illinois electrical pricing hubs will operate.

Mr. Edward F. Stoneburg, P.E.
Vice President, Transmission Support Services
Michigan Electric Transmission Company, LLC

COFFEE & NETWORK BREAK (10:30 – 10:45 A.M.)

SESSION THREE (10:45 – 11:30 A.M.) AN ILLINOIS SCHOOL GETS A WIND TURBINE

Last October saw the ground broken for the construction of a 660 kW wind turbine, near the site of a new high school in Illinois. Learn first-hand how the school district evaluated and funded this renewable energy project which is expected to save the district approximately \$90,000 on their electric energy bill.

Dr. Rick Stoecker
Superintendent of Bureau Valley District, Manlius, Illinois

SESSION FOUR (11:30 – 12:00 NOON.) MICHIGAN RENEWABLE ENERGY PROGRAM

The State of Michigan is moving forward with renewable energy, net metering and studying the development of wind energy in the Great Lakes Region. Seminar attendees will receive a updated overview on significant issues affecting renewable energy in our state.

Mr. Tom Stanton
Competitive Energy Division
Michigan Public Service Commission

LUNCH IS SERVED (12:00 NOON – 1:00 P.M.)

Enjoy an excellent lunch and learn how the Kalamazoo Public School District reduced energy expenditures by \$1 million dollars through the implementation of a leading energy conservation program.

Mr. Kip Davison, Energy Educator/Manager
Kalamazoo Public Schools, Kalamazoo, MI

Please have your registration form submitted not later than April 18, 2005 to
Southgate Community School District
(734) 283-6791 Facsimile
For Registration Information call
(734) 285-7273 or (586) 498-8840
Thank you for supporting this seminar.

SESSION FIVE (1:05 P.M. – 2:00 P.M.)
FINANCIAL ASPECTS OF RENEWABLE ENERGY
CERTIFICATES

This section of the seminar will cover the general principals of operation for emissions markets and the purpose for their existence. Our guest speaker will discuss trading Renewable Energy Certificates (RECs) in mandatory markets and function of Green Tags in voluntary markets, with an eye toward the future for things to come: environmental risk for business and financial institutions.

*Ms. Jane Rigby, Associate Vice President
Cantor Fitzgerald Environmental Brokerage/CO2e.com,
Toronto, Canada*

SESSION SIX (2:05 P.M. – 3:00 P.M.)
PROJECT LEGAL CONSIDERATIONS

Prudent management requires administrators to consider a variety of legal issues that may arise before, during and after the installation of a renewable generating facility. Our presenter will give seminar participants an overview of some of the legal issues most likely to arise.

*Mr. Michael S. Ashton and Mr. Thomas J. Waters
Legal Counsel and Shareholders
Fraser Trebilcock Davis & Dunlap, Lansing, MI*

SESSION SEVEN (3:15 P.M.– 4:00 P.M.)
FINANCING OF RENEWABLE ENERGY PROJECTS

Our presenter will discuss some of the considerations for projects that are to be financed through the use of municipal debt instruments. The material will be of value to schools, municipal agencies and the private sector as they contemplate the possible integration of wind power and other renewable technologies.

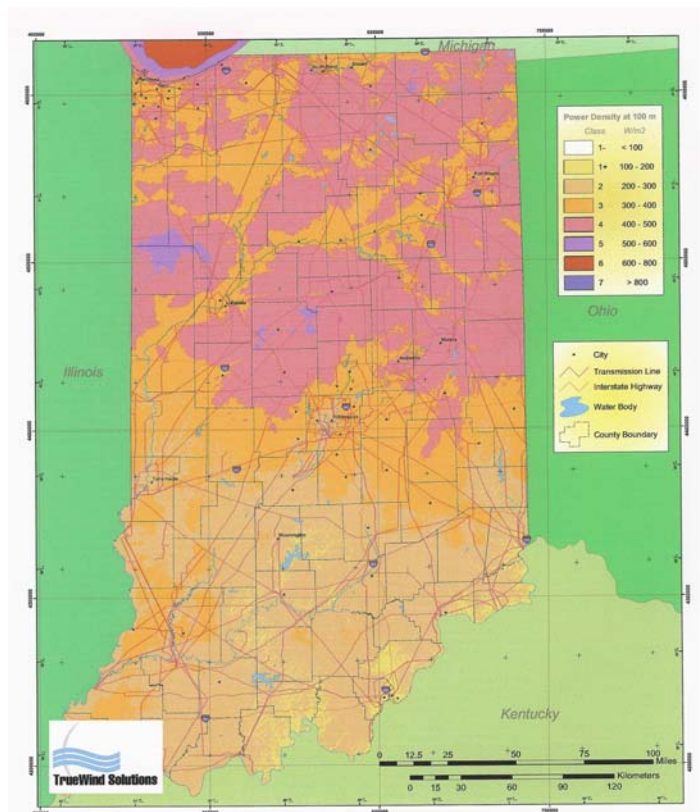
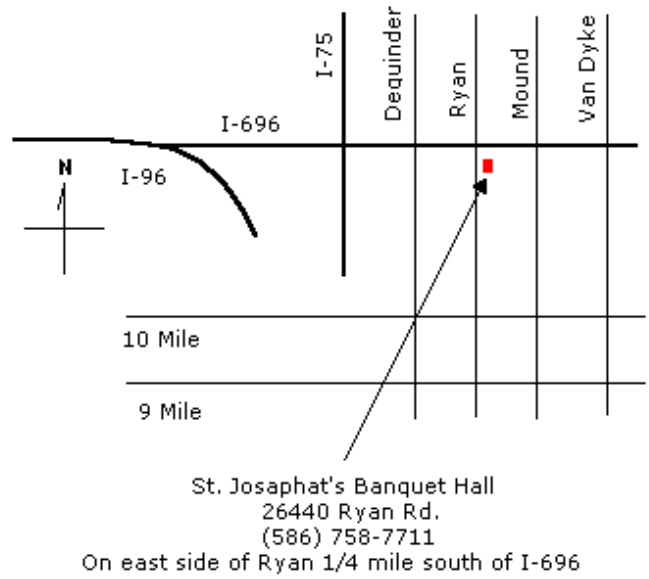
*Mr. John J. Cavanaugh
Vice President Municipal Finance
Comerica Securities*

SESSION EIGHT (4:15 P.M. – 5:00 P.M.)
THREE PARTY FINANCING AGREEMENTS

There several financial models being used for funding renewable energy projects. Each financing model has a certain set of advantages that may be mores suitable for a specific project scope. Our guest presenter will speak on renewable energy finance and high-light a number of models for seminar attendees. Focus will be given to “three-party” agreements.

*Mr. Wayne McMillan, Midwest Vice President
Wells Fargo Bank, Chicago, IL*

THE SEMINAR WILL BE HELD IN WARREN, MICHIGAN
AT ST. JOSAPHAT’S BANQUET CENTER.



Indiana wind velocity at 100 meter elevation

For more information on this conference please
contact staff at (734) 285-7273 or (586) 498-8840.

Opportunities to Save with Renewable Energy Conference Registration Form

Registrant Name: _____
Address: _____
Address: _____
City: _____
State: _____
Zip Code: _____

Contact Information

Phone: _____ ☐ Work ☐ Home
Email Address: _____

You are representing: _____

We would be considered: ☐ Educational Institution ☐ Other (please specify) _____
☐ Governmental body
☐ Agricultural business

Billing Information

The registration fee for the conference is \$125. Payment or purchase order approval is requested upon registration.

Note: If more than one individual is attending the conference, please submit separate registration forms for each person.

Paying by check: Please make check payable to Southgate Community Schools and mail.
Fax registration to (734) 283-6791 to reserve your seat.

Mail to: Southgate Community School District
13201 Trenton Rd.
Southgate, MI 48021
Attention: Renewable Conference

Paying by credit card:

Card No. _____ Expiration date _____

Name on card _____

Card type: ☐ Visa ☐ MasterCard ☐ American Express

I authorize Southgate Community Schools to process payment in the amount of \$125 to the credit card account as given above.

Registrant (sign here)

Date